

1722

Patent  
Docket No: 56331US002

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James M. Nelson, Raghunath Padiyath, Robert B.  
Secor, Mark J. Stevenson, Michael J. Tichy and  
Robert A. Yapel

Group Art Unit: Unknown

Serial No.: 10/027,763

Filed: December 19, 2001

Examiner: Unknown

For: METHOD OF IMPROVING COATING UNIFORMITY

FF

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

April 10, 2002

Date

Beth M. Lindholm

Signature

INFORMATION DISCLOSURE STATEMENTCommissioner for Patents  
Washington, DC 20231RECEIVED  
APR 17 2002  
16 1700

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, enclosed please find a completed PTO-1449 form citing references submitted for consideration during examination of the above-referenced patent application. A copy of each of the references cited therein is also enclosed.

It is respectfully requested that the Examiner initial and return the enclosed PTO-1449 form in order to indicate that each of the references listed thereon has been considered in connection with the present application.

Registration Number 39,523	Telephone Number 651/737-9138
Date 4/10/02	

Respectfully submitted,

By

Brian E. Szymanski

Office of Intellectual Property Counsel  
3M Innovative Properties Company  
P.O. Box 33427  
St. Paul, Minnesota 55133-3427  
Facsimile: (651) 736-3833



OMB No. 0651-0011

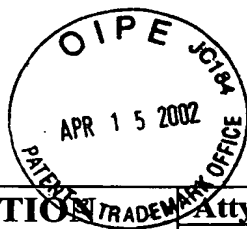
<b>INFORMATION DISCLOSURE STATEMENT</b>		<b>Atty. Docket No.:</b>			<b>Serial No.:</b>		
		56331US002			10/027,763		
		<b>Applicant(s):</b> James M. Nelson, Raghunath Padiyath, Robert B. Secor, Mark J. Stevenson, Michael J. Tichy and Robert A. Yapel					
		<b>Filing Date:</b> December 19, 2001			<b>Group:</b> Unknown		
<b>U.S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document Number</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>SubClass</b>	<b>Filing Date If Appropriate</b>
		3,289,632	12/06/1966	Barstow			
		4,221,184	09/09/1980	Gref et al.			
		5,500,274	03/19/1996	Francis et al.			
		5,587,184	12/24/1996	Leonard et al.			
		5,607,726	03/04/1997	Flattery et al.			
		5,612,092	03/18/1997	Strenger et al.			
		5,639,305	06/17/1997	Brown et al.			
		5,655,948	08/12/1997	Yapel et al.			
		5,702,527	12/30/1997	Seaver et al.			
		5,741,549	04/21/1998	Maier et al.			
		5,750,159	05/12/1998	Delmore et al.			
		5,759,274	06/02/1998	Maier et al.			
		5,780,109	07/14/1998	Yapel et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		<b>Document Number</b>	<b>Date of Publication</b>	<b>Country</b>	<b>Class</b>	<b>SubClass</b>	<b>Translation</b>
							<b>Yes</b> <b>No</b>
		DE 3019460A -	11/26/1981	Germany			X
		JP 11276965 -	10/12/1999	Japan			X
		JP 2000084457 ✓	03/28/2000	Japan			X
		JP 2000176343 ✓	06/27/2000	Japan			X
		JP 2000271522 ✓	10/03/2000	Japan			X
		JP 7008879 ✓	01/13/1995	Japan			X
		JP 7195015 ✓	08/01/1995	Japan			X
		JP 7195016 ✓	08/01/1995	Japan			X
		JP 7308620 ✓	11/28/1995	Japan			X
		JP 8103711 ✓	04/23/1996	Japan			X
		JP 9253555 ✓	09/30/1997	Japan			X
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
<b>EXAMINER</b>				<b>Date Considered</b>			
<small>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

Based on Form PTO-FB-A820

Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

q:\3mip co forms and samples\ids pto form 1449.doc 4/1/99



OMB No. 0651-0011

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b>	<b>Serial No.:</b>
	<b>56331US002</b>	<b>10/027,763</b>
	<b>Applicant(s):</b> James M. Nelson, Raghunath Padiyath, Robert B. Secor, Mark J. Stevenson, Michael J. Tichy and Robert A. Yapel	
	<b>Filing Date:</b> December 19, 2001	<b>Group:</b> Unknown

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	5,837,324	11/17/1998	Yapel et al.			
	5,843,530	12/01/1998	Jerry et al.			
	5,851,137	12/22/1998	Bhave et al.			
	5,980,992	11/09/1999	Kistner et al.			
	5,998,549	12/07/1999	Milbourn et al.			

**RECEIVED**  
APR 17 2002  
TUTU

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date of Publication	Country	Class	SubClass	Translation	
						Yes	No
	WO 00/06364 ✓	02/10/2000	PCT				
	WO 95/29763 ✓	11/09/1995	PCT				
	WO 95/29764 ✓	11/09/1995	PCT				
	WO 95/29765 ✓	11/09/1995	PCT				
	WO95/29766 ✓	11/09/1995	PCT				

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

	Catalog, Precision Steel Warehouse, Inc. 1998, Franklin Park, IL (3 pages).
	Edward Cohen and Edgar Gutoff, "Modern Coating and Drying Technology", VCH Publishers, NY 1992, ISBN 3-527-28246-7
	Gutkoff and Cohn, "Coating and Drying Defects: Troubleshooting Operating Problems", Wiley Interscience, NY, ISBN 0-471-59810-0
	Bird, Armstrong, and Hassager, <u>Dynamics of Polymeric Liquids</u> , Vol. 1, Wiley & Sons, NY, 1987 ISBN 0-471-80245-S, Chapter 4, pp. 169-175
	Robert Secor, "Analysis and Design of Internal Coating Die Cavities", Stephan Kistler and Peter Schweizer, Liquid Film Coating, Chapman & Hall, UK, 1997, ISBN 0-412-06481-2
	Research Disclosure, "Die Shims for Modified Film Thickness Profile", May, 1996

<b>EXAMINER</b>	<b>Date Considered</b>
-----------------	------------------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820  
(Also form PTO-1449)

Patent and Trademark Office, U.S. Department of Commerce